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(21) International Application Number: PCT/GB99/04206 (22) International Filing Date: 13 December 1999 (13.12.99) (30) Priority Data: 98310163.5 11 December 1998 (11.12.98) EP (71) Applicant (for all designated States except US): BIOCOMPATIBLES LIMITED [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): MUIR, Andrew, Victor, Graham [GB/GB]; 5 Rupert Road, Guildford, Surrey GU2 5NE (GB). ROWAN, Lee [GB/GB]; 11 Wakehurst Close, Maple Park, Nuneaton, Warwickshire CV11 4YF (GB). JONES, Stephen, Alister [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). STEDMAN, John, Charles [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). (74) Agent: GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: CROSSLINKED POLYMERS AND REFRACTIVE DEVICES FORMED THEREFROM		
(57) Abstract <p>A polymer is formed of ethylenically unsaturated monomers including a zwitterionic monomer, an aromatic monomer and a cross-linking monomer. Preferably the crosslinking monomer includes at least one aromatic group containing compound and at least one aliphatic group containing compound. The polymer is water-swellable and a hydrogel has optical and mechanical properties rendering it suitable for use as an intraocular refractive device such as an intraocular lens.</p>		